



**Missouri Department of Health and Senior Services**

P.O. Box 570, Jefferson City, MO 65102-0570 Phone: 573-751-6400 FAX: 573-751-6010  
RELAY MISSOURI for Hearing and Speech Impaired 1-800-735-2966 VOICE 1-800-735-2466

Gail Vasterling  
Director



Jeremiah W. (Jay) Nixon  
Governor

**Missouri Department of Health and Senior Services Breath Alcohol Program**

***SIMULATOR CALIBRATION REPORT***

This is to certify that the simulator listed below has been examined and tested using standards traceable to the National Institute of Standards and Technology (NIST) in accordance to the standards set by the Rules of Missouri Department of Health and Senior Services, 19 CSR 25-30.

**SIMULATOR INFORMATION**

Agency:	Missouri State Highway Patrol
Serial Number:	MP2425
Manufacturer:	Guth
Model Number:	12V500

**CALIBRATION RESULTS**

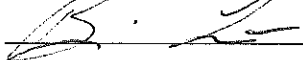
<u>Reference Temperature</u>	<u>Simulator Temperature</u>
34.00	33.99

This calibration was performed with  
NIST-Traceable Thermometer SN: 307715

This simulator was tested by: JLC

This testing was performed: 07/17/15

This certification expires: 07/17/16

Signature of certifying DHSS Scientist: 

Name of certifying DHSS Scientist: Brian M. Lutmer



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Governor

## Missouri Department of Health and Senior Services Breath Alcohol Program

**BREATH ALCOHOL SIMULATOR TEST WORKSHEET****Test Simulator Information**

Agency: Missouri State Highway Patrol  
Email for COC: Jimmy.cleveland@mshp.dps.mo.gov  
Serial Number: MP2425  
Manufacturer: Guth  
Model Number: 12V500

**NIST-Traceable Reference Thermometer Information**

Serial Number: 307715  
Date of Certification: 08/19/14  
Date of Expiration: 08/19/15

**Test Simulator Measurements**

Readings	Reference Thermometer	Test Simulator
1	34.00	33.99
2	34.00	33.99
3	34.00	33.99
4	34.00	33.99
5	34.00	33.99

Bias ( $\delta_T$ ):

-0.01

Technician performing testing:

Jimmy L. Cleveland

I hereby certify that all data submitted within this form was collected in accordance with the DHSS Procedure for the Testing of Breath Alcohol Simulators and 19 CSR 35-30.051, Breath Analyzer Calibration and Accuracy Verification Standards.

Signature:

Date: 7-17-15

Submit completed forms for simulator certification to DHSS Breath Alcohol Program by fax at (573) 840-9139 or by email at [brian.james@health.mo.gov](mailto:brian.james@health.mo.gov) or [breathalcohol@health.mo.gov](mailto:breathalcohol@health.mo.gov).

[www.health.mo.gov](http://www.health.mo.gov)

Healthy Missourians for life.

The Missouri Department of Health and Senior Services will be the leader in promoting, protecting and partnering for health.

AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER: Services provided on a nondiscriminatory basis.

COPY OF LABEL PLACED  
ON SIMULATOR

This simulator has been radiated across the entire frequency range.  
SIMULATOR SERIAL NO.: MP2425  
EXPIRATION DATE: 7-17-15  
DATE OF CALIBRATION: 7-17-15  
NIST REF. THERM. SERIAL NO.: 307715  
AVERAGE NIST READING: 34.000  
ANALYST INITIALS: SLC